

Atomic Structure Question 4

Support material

Markschemes/markings notes:

4. a) 2 energy levels are occupied [1] b) 2 (in the 2s sub-level) + 6 (in the 2p sub-level) = 8 total [1]
[total = 2]

Rubric:

Student work samples:

Additional resources:

Examiner notes:

4. Consider the elements in the second row (Li – Ne) of the periodic table: a) How many energy levels are occupied by electrons? [1] b) How many electrons will the highest occupied energy level contain when it is completely filled? [1]

Subject:
Chemistry

DP Component & Criteria:
Short-answer Questions/Paper 2 and 3

Component type:
External

MYP Criteria:
Group 4 / Sciences

Tags:
atomic structure